

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): An ink for producing membrane electrode assembly for a fuel cell comprising an electrocatalyst, an ionomer, water and an organic solvent, wherein said organic solvent is at least one linear dialcohol with a flash point higher than 100°C and being present in the ink in a concentration between 1 and 50 wt.%, with respect to the weight of water.

Claim 2 (previously presented): The ink according to Claim 1, wherein said organic solvent is present in the ink in a concentration between 5 and 25 wt.%, with respect to the weight of water.

Claim 3 (previously presented): The ink according to Claim 1 wherein said linear alcohol is a dihydric alcohol wherein hydroxyl groups are not adjacent to each other.

Claim 4 (previously presented): The ink according to Claim 3 wherein said alcohol has a chain structure that is aliphatic – CH₂ groups, optionally with oxygen atoms between said CH₂ groups

Claim 5 (previously presented): The ink according to Claim 1, wherein said dialcohol is a member selected from the group consisting of ethylene glycol, diethylene glycol, propylene glycol, dipropylene glycol, butanediol and mixtures thereof.

Claims 6-8: Cancelled

- Claim 9 (new): The ink according to Claim 1, wherein said dialcohol is 1,2-propylene glycol or 1,3-propylene glycol.
- Claim 10 (new): The ink according to Claim 1, wherein said electrocatalyst is a noble metal-containing supported catalyst.
- Claim 11 (new): The ink according to Claim 1, wherein said electrocatalyst is a support-free catalyst.
- Claim 12 (new): The ink according to Claim 11, wherein said electrocatalyst is platinum black or platinum powder with high surface area.
- Claim 13 (new): The ink according to Claim 1, wherein the ionomer is employed as ionomer solution in aqueous form.
- Claim 14 (new): The ink according to Claim 1, wherein the ionomer is employed as aqueous Nafion® solution.
- Claim 15 (new): The ink according to Claim 13, wherein the ionomer solution in aqueous form has a ionomer concentration of 10% in water.
- Claim 16 (new): A polymer electrolyte membrane coated with the ink of Claim 1.
- Claim 17 (new): A membrane electrode assembly with the ink of Claim 1.
- Claim 18 (new): A gas distributor substrate coated with the ink of Claim 1.